Figure A-55

DEMAND CURVE OF FORT PLAIN FOR RUN 18
OF THE MOHAWK PERMIT SYSTEM SIMULATION

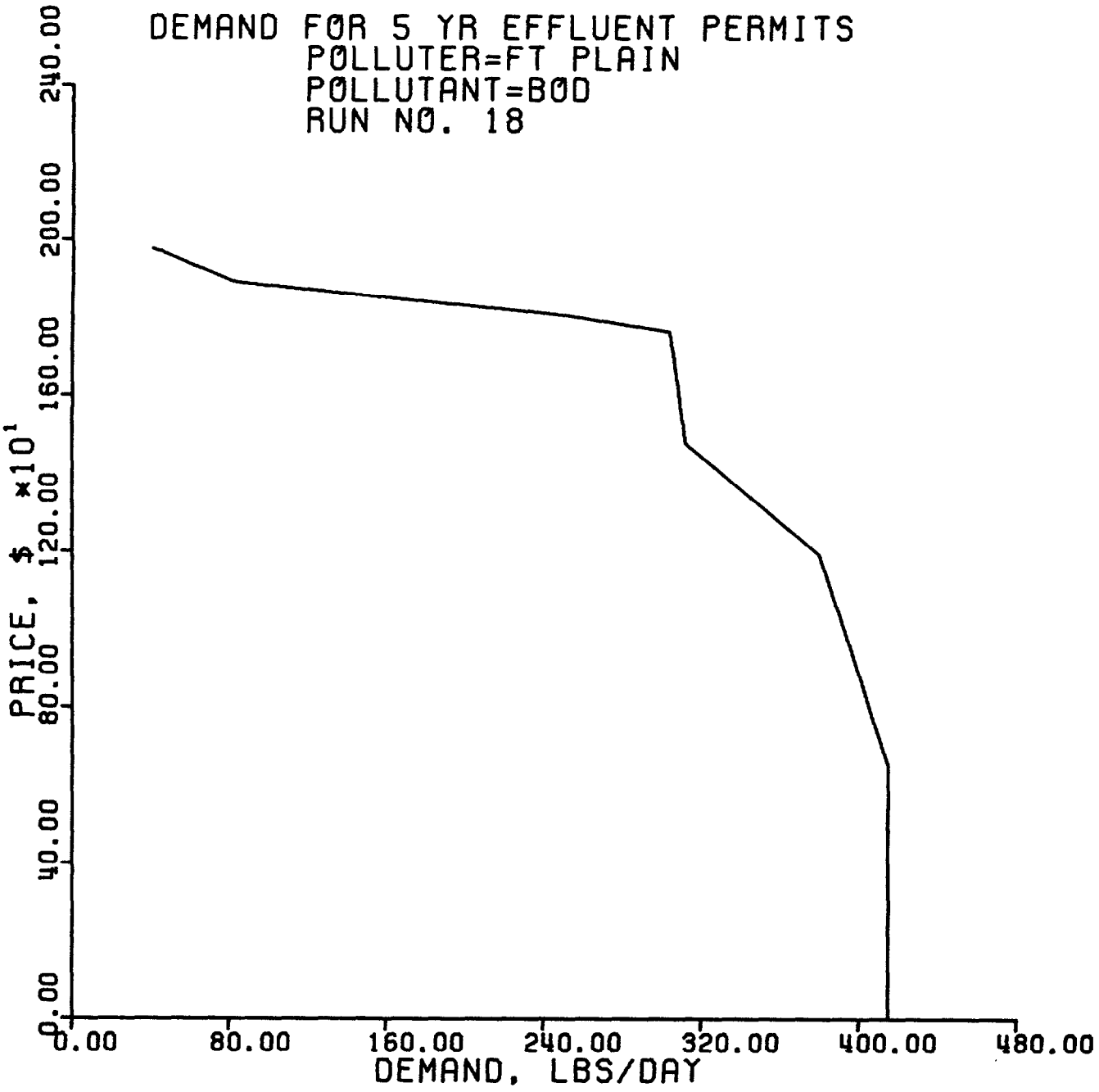


Figure A-56

DEMAND CURVE OF ILION FOR RUN 18
OF THE MOHAWK PERMIT SYSTEM SIMULATION

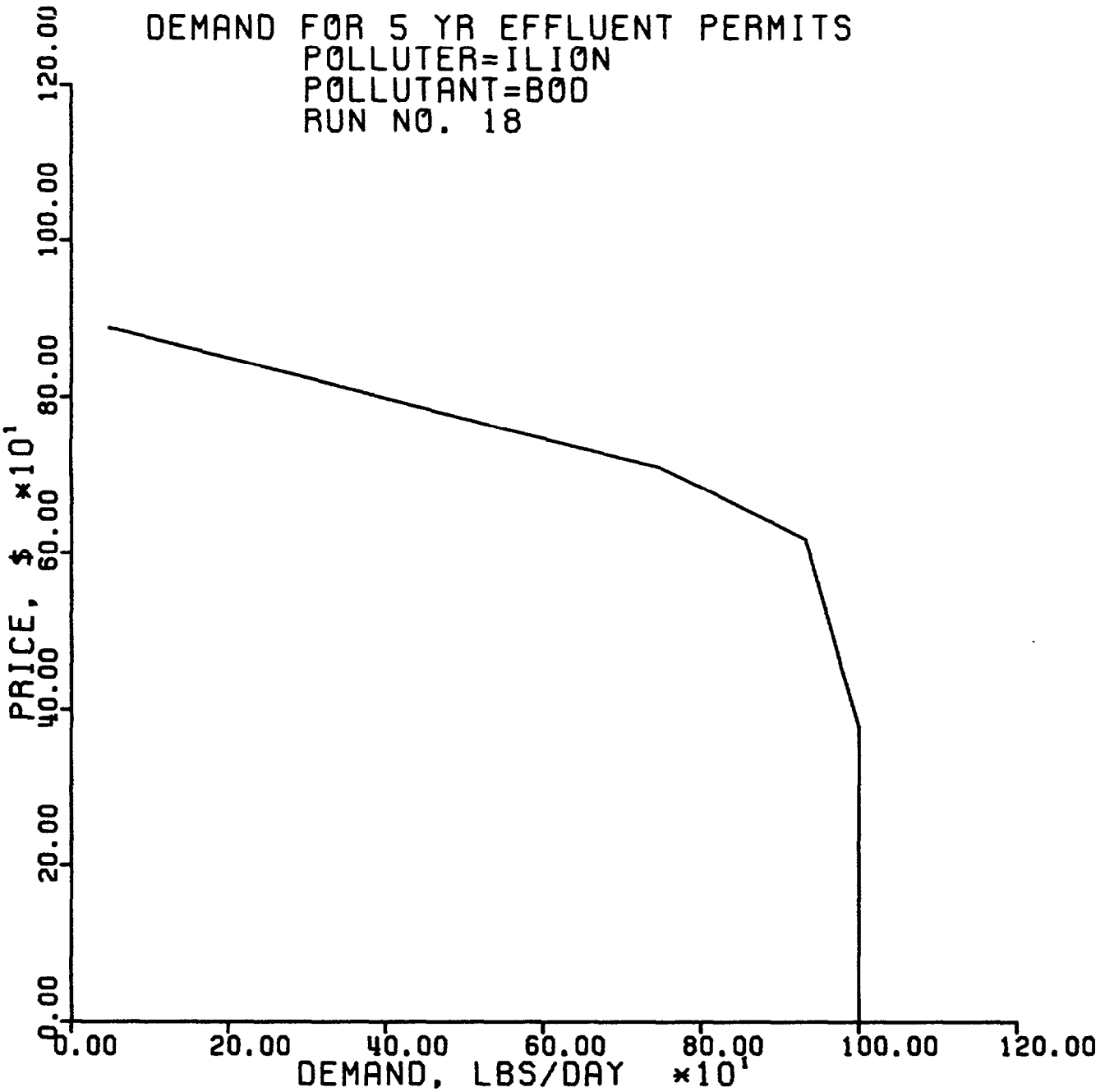


Figure A-57

DEMAND CURVE OF CANAJOHARIE FOR RUN 18
OF THE MOHAWK PERMIT SYSTEM SIMULATION

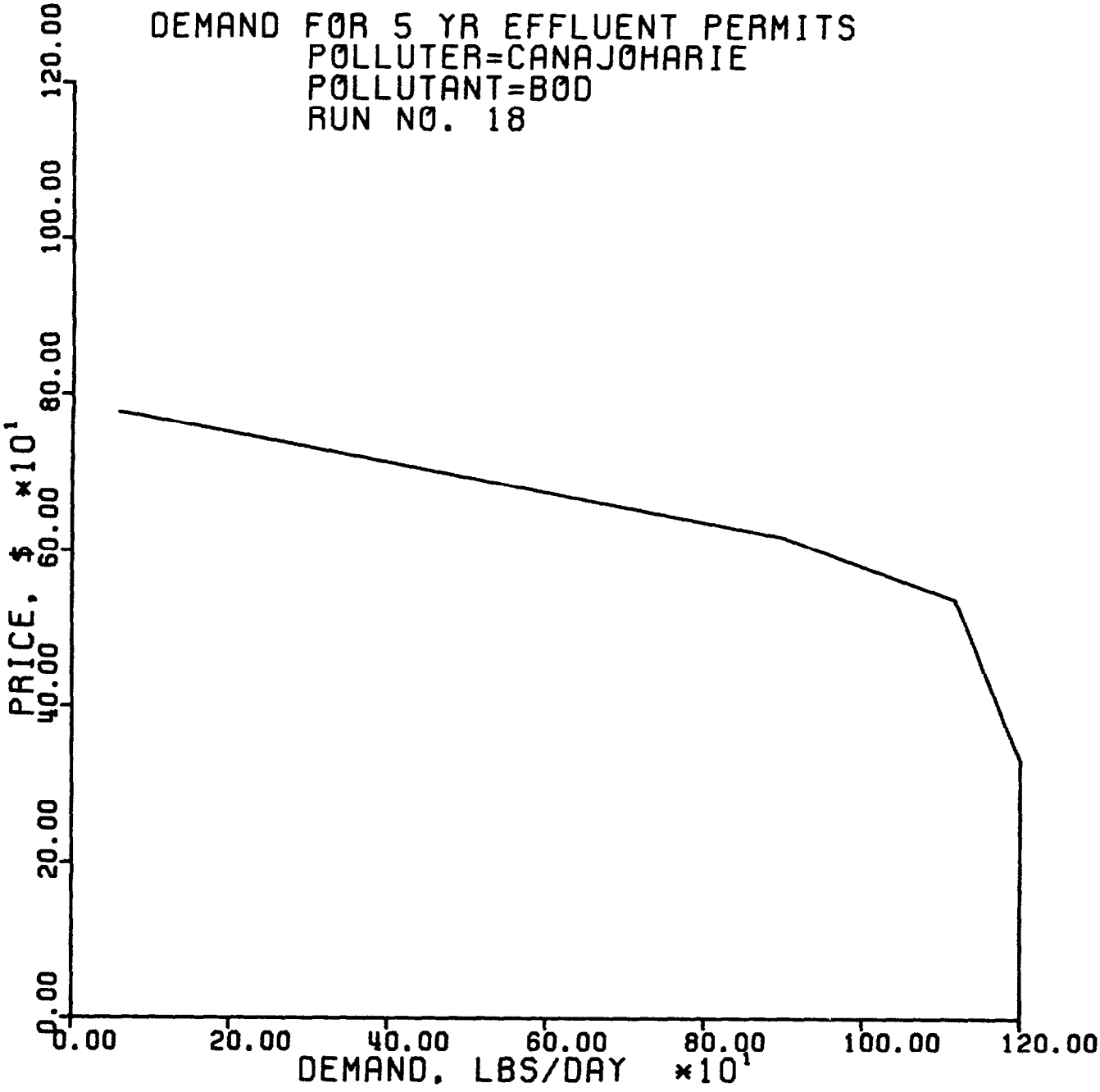


Figure A-58

DEMAND CURVE OF HERKIMER FOR RUN 18
OF THE MOHAWK PERMIT SYSTEM SIMULATION

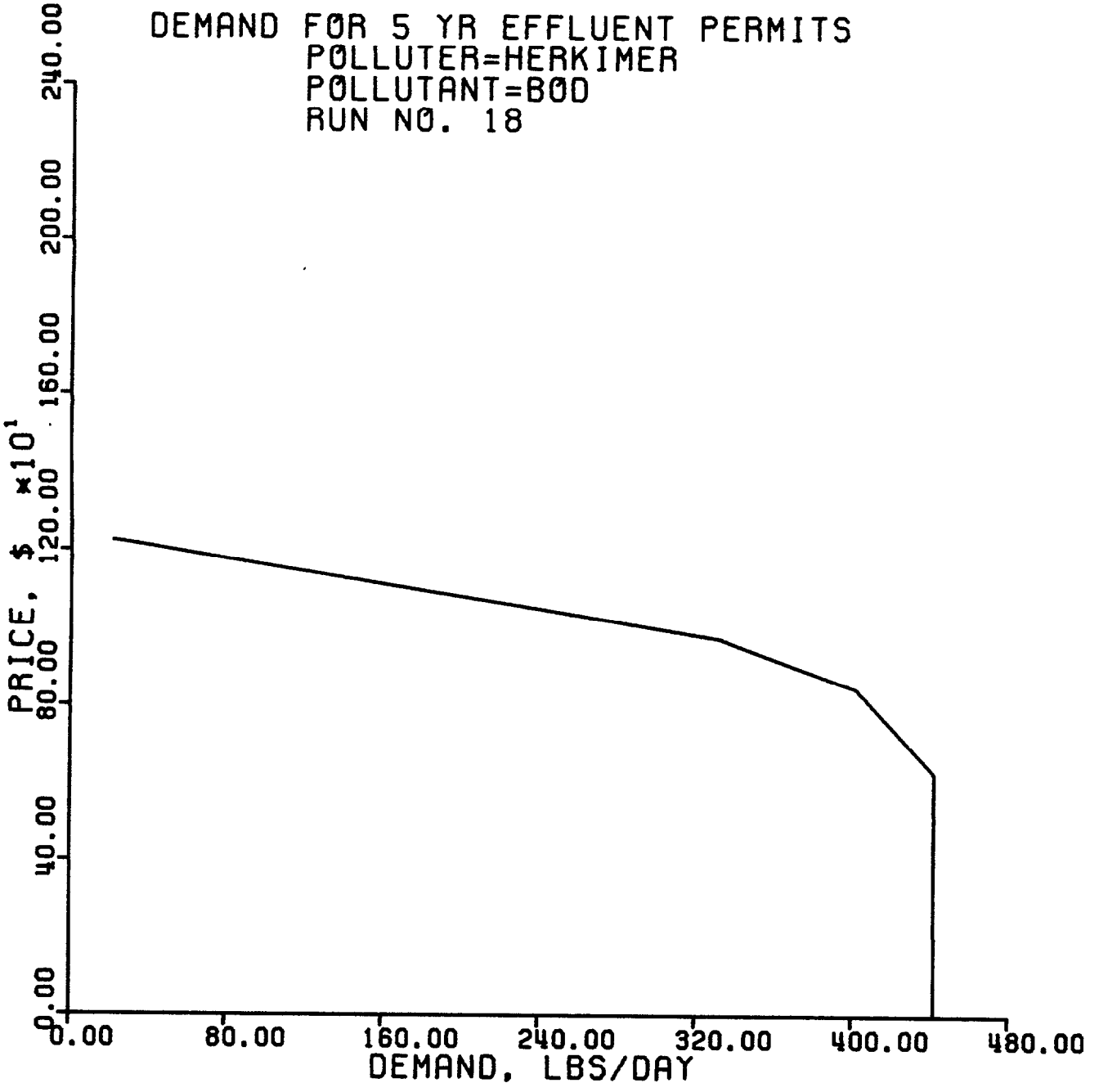


Figure A-59

DEMAND CURVE OF LITTLE FALLS FOR RUN 18
OF THE MOHAWK PERMIT SYSTEM SIMULATION

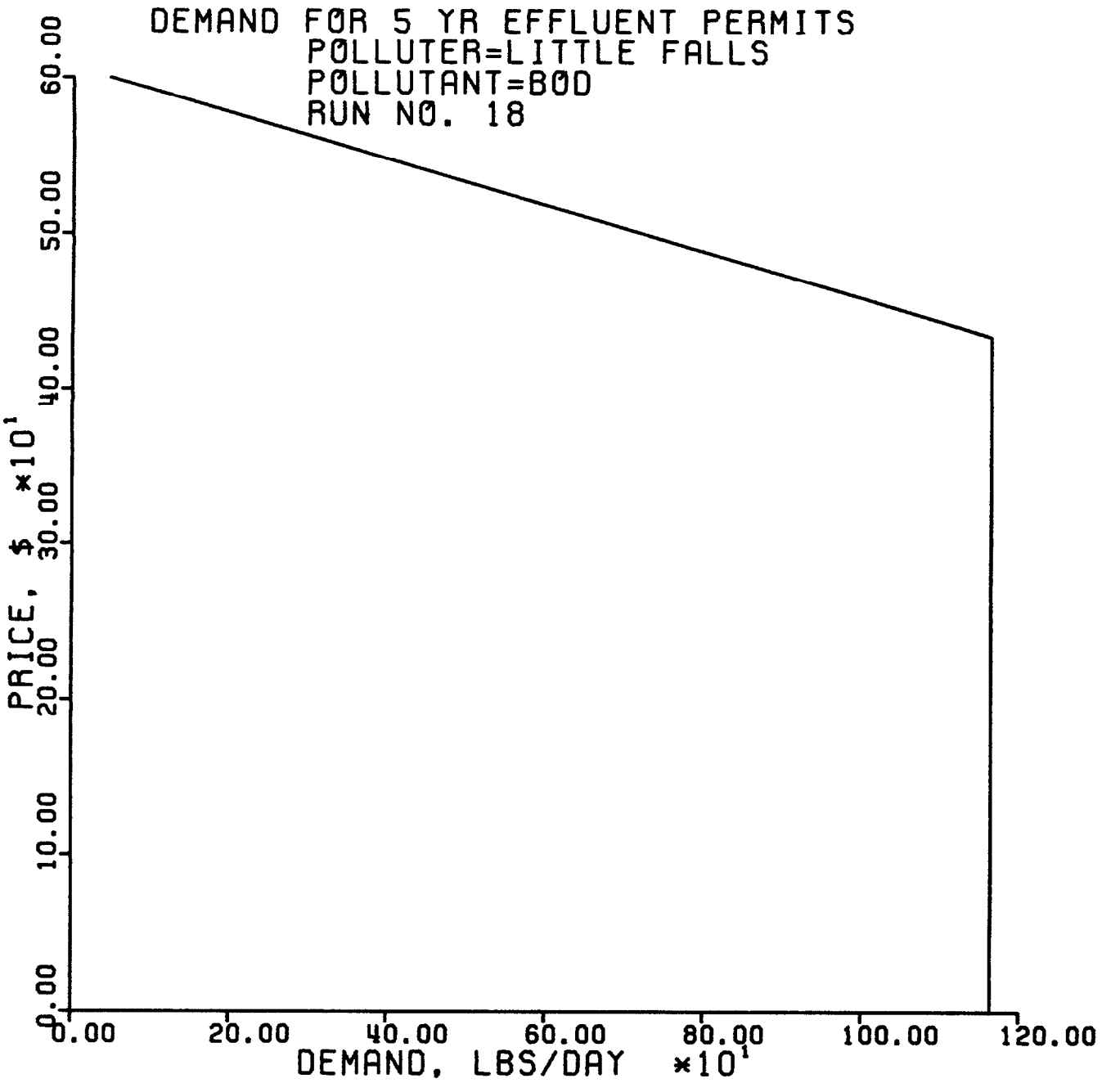


Figure A-60

DEMAND CURVE OF ROME FOR RUN 18
OF THE MOHAWK PERMIT SYSTEM SIMULATION

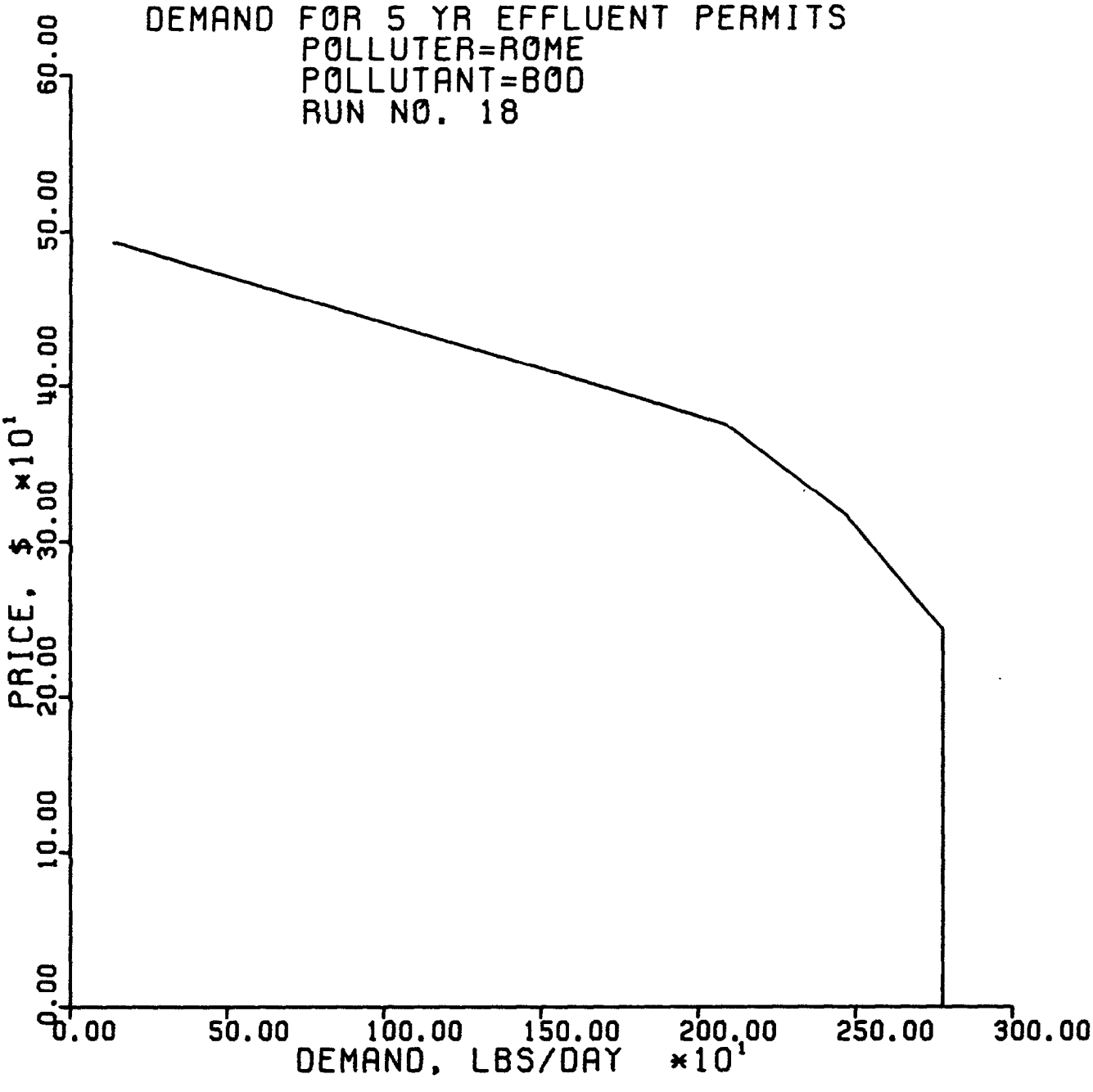


Figure A-61

DEMAND CURVE OF ST. JOHNSVILLE FOR RUN 18
OF THE MOHAWK PERMIT SYSTEM SIMULATION

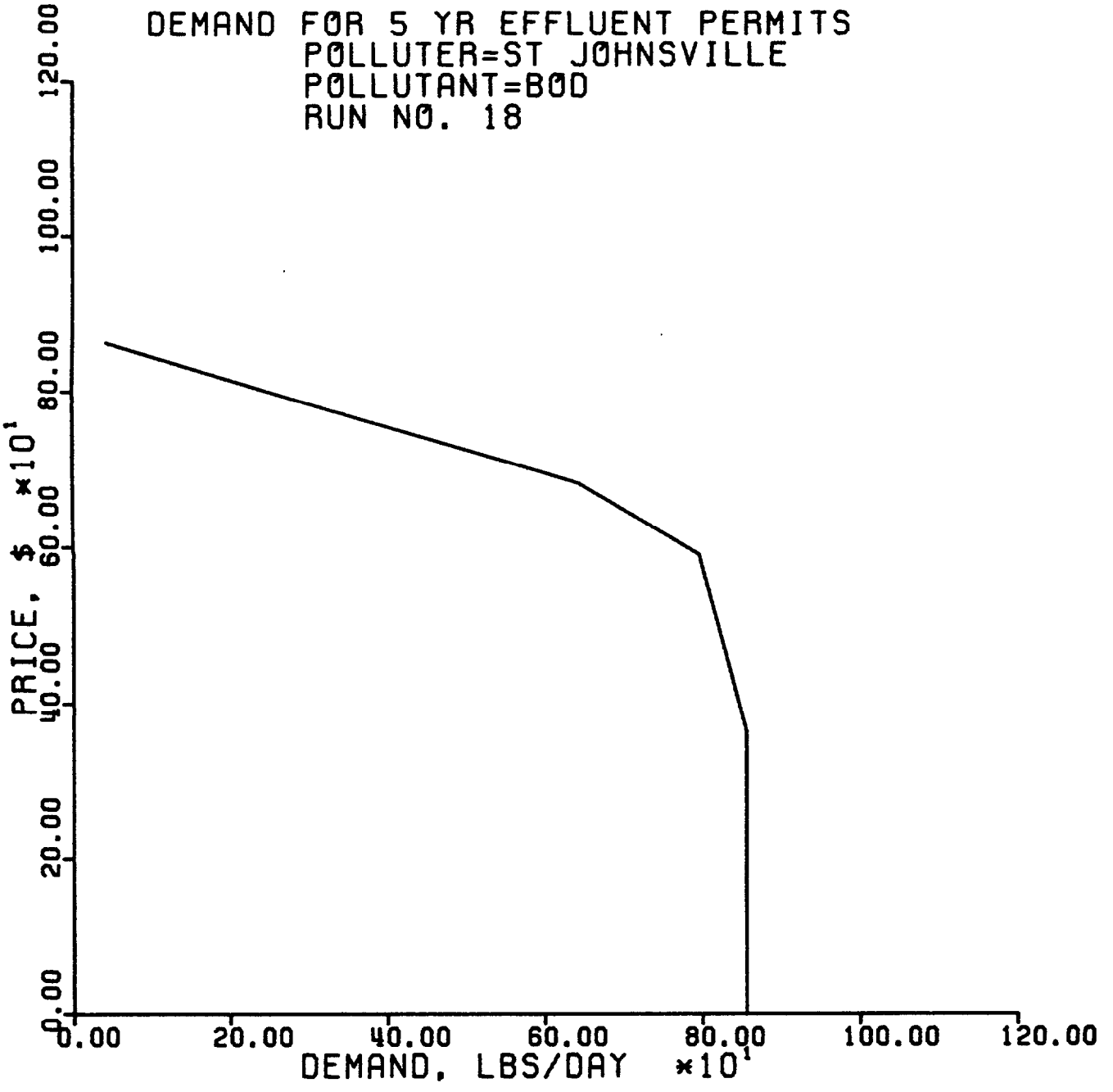


Figure A-62

DEMAND CURVE OF UTICA FOR RUN 18
OF THE MOHAWK PERMIT SYSTEM SIMULATION

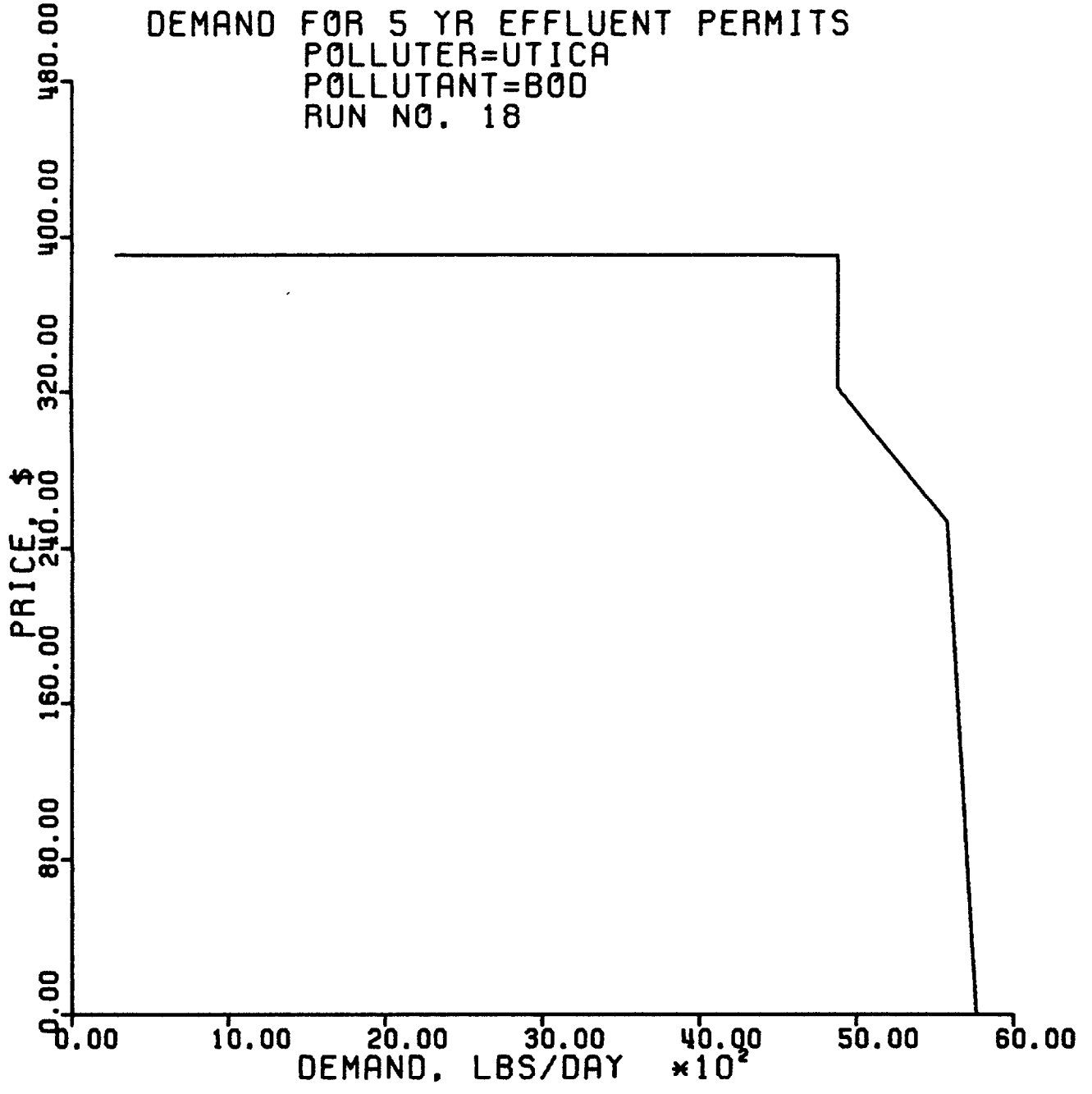
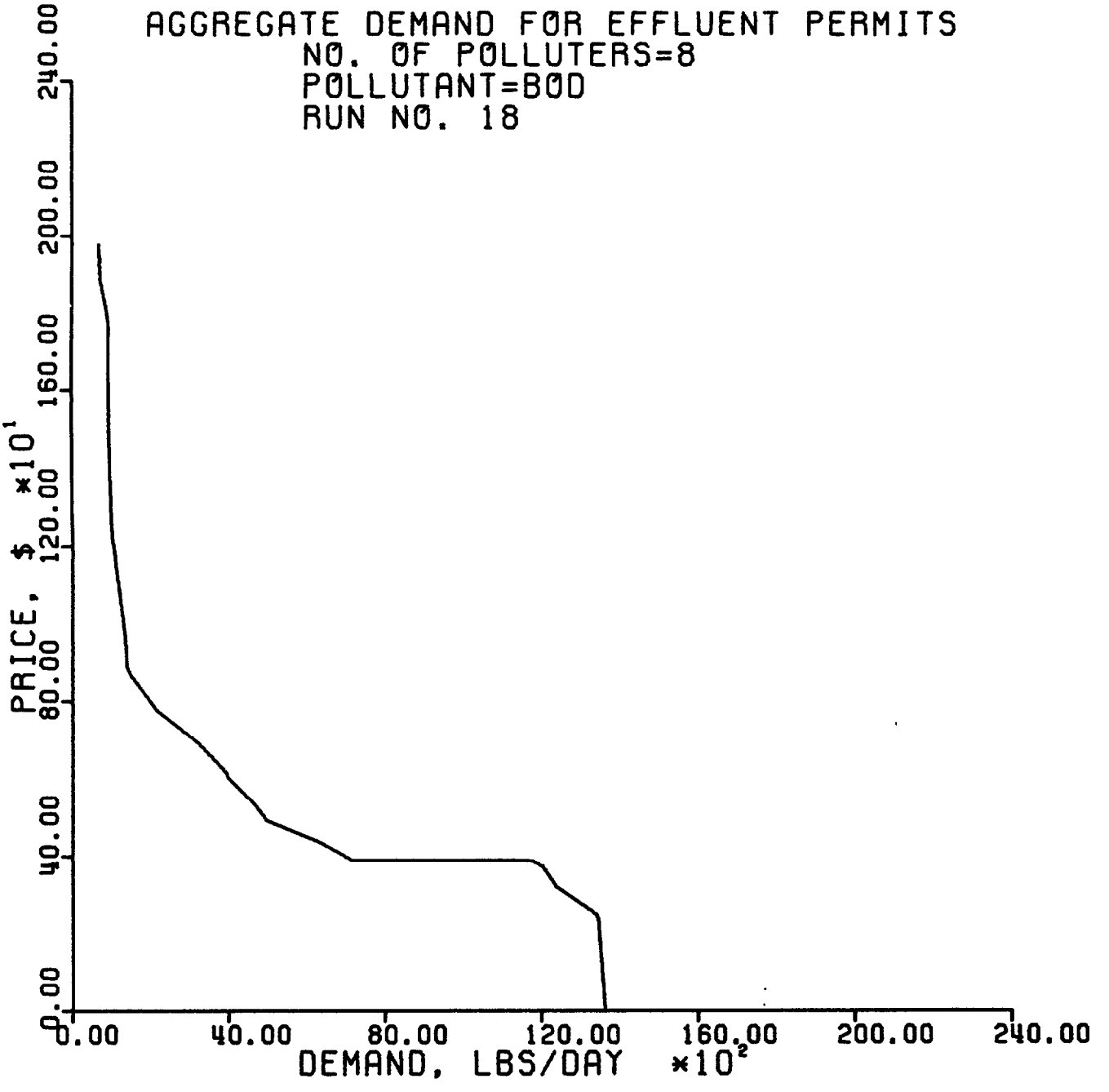


Figure A-63

AGGREGATE DEMAND FOR EFFLUENT PERMITS



SELECTED WATER RESOURCES ABSTRACTS

INPUT TRANSACTION FORM

1. Report No. 2.

W

AN EVALUATION OF MARKETABLE EFFLUENT PERMIT SYSTEMS

5. Report Dare

6.

8. Performing Organization Report No.

Russell J. deLucia

Meta Systems, Inc.
843 Massachusetts Avenue
Cambridge, Mass. 02139

68-01-1882

1. Type of Report and Period Covered

12. Sponsoring Organization **Environmental Protection Agency**

Final Report

Environmental Protection Agency report number, EPA-600/5-74-030, September 1974

This report is a study of the practical problems and prospects of using marketable effluent permits (MEP) as a water pollution control tool. Under such a system, pollution rights are contingent upon possession of permits; the permits are acquired and/or traded through an auction or market. This study details the requirements of MEP systems, discusses their theoretical advantages, and examines them through the use of industrial organization theory, comparisons with analogous markets, and a simulation model. The simulation model employs Mohawk River data to determine the effect of different system parameters on the operation of a MEP system. The legal and administrative aspects of the marketable permit system are also dealt with. The conclusion is that marketable permits are a promising control tool for many river basins.

17a. Descriptors

17b. Identifiers

17c. COWRR Field & Group

18. Availability

19. Security Class. (Report)

20. Security Class. (Page)

21. No. of Pages

22. Price

Send To:

WATER RESOURCES SCIENTIFIC INFORMATION CENTER
U.S. DEPARTMENT OF THE INTERIOR
WASHINGTON. D.C. 20240

Russell J. deLucia | Meta Systems, Inv.